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**United States Patent**  
**Campana, Jr. et al.**

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(54) **ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS**

(52) **U.S. Cl.** ..... **455/412.1; 370/428; 379/93.24**

(58) **Field of Classification Search** ..... None  
 See application file for complete search history.

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(56) **References Cited**

To view the complete listing of prior art documents cited during the proceedings for Reexamination Control Numbers 90/006,491, 90/006,678 and 90/007,723, please refer to the USPTO's public Patent Application Information Retrieval (PAIR) system under the Display References tab.

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(57) **ABSTRACT**

A system (100) for transmitting information from one of a plurality of originating processors A-N to at least a plurality of destination processors (A-N) which may be transported during operation in accordance with the invention includes at least one gateway switch (14), a gateway switch storing information received from one of the at least one originating processor prior to transmission of the information to the at least one destination processor; a RF information transmission network (302) for transmitting stored information received from one of the at least one gateway switch by RF transmission to at least one destination processor; at least one interface switch (304), an interface switch connecting a gateway switch to the RF transmission network and transmitting stored information received from one of the at least one gateway switch to the RF information transmission network; and wherein the information is transmitted to a receiving interface switch by the electronic mail system in response to an address of the receiving interface switch which has been added to the information originated by the originating processor by either the originating processor or gateway switch and the information is transmitted from the receiving interface switch to the RF information transmission network with an address of the destination processor to receive the information which has been added by either the originating processor, a gateway switch or the receiving interface switch.

Certificate of Correction issued Sep. 16, 1997.

**Related U.S. Application Data**

(63) Continuation of application No. 07/702,939, filed on May 20, 1991, now Pat. No. 5,436,960, which is a continuation of application No. 07/702,938, filed on May 20, 1991, now Pat. No. 5,479,472, said application No. 08/443,430, filed on May 18, 1995, now Pat. No. 5,625,670, is a continuation of application No. 08/247,466, filed on May 23, 1994, now Pat. No. 5,438,611, which is a continuation of application No. 07/702,319, filed on May 20, 1991, now abandoned.

(51) **Int. Cl.**

**H04L 12/58** (2006.01)

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